

>XM\_169439 ACCESSION:XM\_169439 NID: gi 20561686 ref XM\_169439.1  
Homo sapiens similar to G protein-coupled receptor 56;  
EGF-TM7-like (LOC222487), mRNA  
Length = 1803

Score = 1008 bits (2578), Expect = 0.0  
Identities = 549/600 (92%), Positives = 549/600 (92%), Gaps = 51/600 (8%)  
Frame = +1

Query: 1 MATPRGLGALLLLLLLPTSGQEKPTGPRNTCLGSNNMYDIFNLNDKALCFTKCRQSGSD 60  
MATPRGLGALLLLLLLPTSGQEKPTGPRNTCLGSNNMYDIFNLNDKALCFTKCRQSGSD  
Sbjct: 1 MATPRGLGALLLLLLLPTSGQEKPTGPRNTCLGSNNMYDIFNLNDKALCFTKCRQSGSD 180

Query: 61 SCNVENLQRYWLNIEAHLMEGLTQKVNTPFLLKALVQNLSTNTAEDFYFSLEPSQVPRQV 120  
SCNVENLQRYWLNIEAHLMEGLTQKVNTPFLLKALVQNLSTNTAEDFYFSLEPSQVPRQV  
Sbjct: 181 SCNVENLQRYWLNIEAHLMEGLTQKVNTPFLLKALVQNLSTNTAEDFYFSLEPSQVPRQV 360

Query: 121 MKDEDKPPDRVRLPKSLFRSLPGNRSVRLAVTILDIGPGTLFKGPRLGLDGGSGVLNNR 180  
MKDEDKPPDRVRLPKSLFRSLPGNRSVRLAVTILDIGPGTLFKGPRLGLDGGSGVLNNR  
Sbjct: 361 MKDEDKPPDRVRLPKSLFRSLPGNRSVRLAVTILDIGPGTLFKGPRLGLDGGSGVLNNR 540

Query: 181 LVGLSVGQMHVTKLAEPLEIVFSHQRPNNMTLTCVFDVTKGTTGDWSSEGCSTEVRPE 240  
LVGLSVGQMHVTKLAEPLEIVFSHQRPNNMTLTCVFDVTKGTTGDWSSEGCSTEVRPE  
Sbjct: 541 LVGLSVGQMHVTKLAEPLEIVFSHQRPNNMTLTCVFDVTKGTTGDWSSEGCSTEVRPE 720

Query: 241 GTVCCCDHLTFFALLLRPTLDQSTVHILTRISQAGCGVSMIFLAFTIILYAF----- 292  
GTVCCCDHLTFFALLLRPTLDQSTVHILTRISQAGCGVSMIFLAFTIILYAF  
Sbjct: 721 GTVCCCDHLTFFALLLRPTLDQSTVHILTRISQAGCGVSMIFLAFTIILYAFRAVPPPS 900

Query: 293 -----LRLSRERFKSEDAPKIH 309  
LRLSRERFKSEDAPKIH  
Sbjct: 901 PRHGPHPPQAECDLPAAGRIAGPCERGLERQEKLPAPQGGAWHLRLSRERFKSEDAPKIH 1080

Query: 310 VALGGSFLNLAFLVNVGSGSGKSDAACWARGAVFHYFLLCAFTWMGLEAFHLYLLAVR 369  
VALGGSFLNLAFLVNVGSGSGKSDAACWARGAVFHYFLLCAFTWMGLEAFHLYLLAVR  
Sbjct: 1081 VALGGSFLNLAFLVNVGSGSGKSDAACWARGAVFHYFLLCAFTWMGLEAFHLYLLAVR 1260

Query: 370 VFNTYFGHYFLKLSLVGWGLPALMVIGTGSANSYGLYTIRDRENRTSLELCWFREGTTMY 429  
VFNTYFGHYFLKLSLVGWGLPALMVIGTGSANSYGLYTIRDRENRTSLELCWFREGTTMY  
Sbjct: 1261 VFNTYFGHYFLKLSLVGWGLPALMVIGTGSANSYGLYTIRDRENRTSLELCWFREGTTMY 1440

Query: 430 ALYITVHGYFLITFLFGMVVLALVVKIFTLSRATAVKERGKNRKKVLTLGLSSLVGVT 489  
ALYITVHGYFLITFLFGMVVLALVVKIFTLSRATAVKERGKNRKKVLTLGLSSLVGVT  
Sbjct: 1441 ALYITVHGYFLITFLFGMVVLALVVKIFTLSRATAVKERGKNRKKVLTLGLSSLVGVT 1620

Query: 490 WGLAIFTPLGLSTVYIFALFNSLQGVFICCWFTILYLPQSSTTVSSSTARLDQAHSASQE 549  
WGLAIFTPLGLSTVYIFALFNSLQGVFICCWFTILYLPQSSTTVSSSTARLDQAHSASQE  
Sbjct: 1621 WGLAIFTPLGLSTVYIFALFNSLQGVFICCWFTILYLPQSSTTVSSSTARLDQAHSASQE 1800